DEC 15 2006

12-18-06

IFW

I he certify that this paper (along with any paper referred to as being attached elections) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as Express Mailing. Matting Number EV 913870787 US in an envelope addressed to: MS mendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 223 13-1450.

Dated: December 15, 2006 Signature:

an Q(M(ero)

Docket No.: 28079/41785

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: David A. Fischhoff et al.

Application No.: 08/434,105

Confirmation No.: 2627

Filed: May 3, 1995

Art Unit: 1638

For:

SYNTHETIC PLANT GENES AND

Examiner: A. R. Kubelik

METHOD FOR PREPARATION

## **INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the Applicants request that the Patent and Trademark Office consider the documents listed on the attached PTO/SB/08 during the examination process during the prosecution of this application, and make them of record so that they appear among the "References Cited" on any eventual patent. In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an

Application No.: 08/434,105 Docket No.: 28079/41785

admission that any patent, publication or other information referred to therein is "prior art" for this invention.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 28079/41785. A copy of this paper is enclosed.

Dated: December 15, 2006

Respectfully submitted,

David A. Gass

Registration No.: 38,153

MARSHALL, GERSTEIN & BORUN LLP

233 S. Wacker Drive, Suite 6300

Sears Tower

Chicago, Illinois 60606-6357

(312) 474-6300

Attorney for Applicant

PTO/SB/08A/B (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 11

to respond to a collection of inf	o respond to a collection of information unless it contains a valid OMB control number.					
	Complete if Known					
Application Number	08/434,105-Conf. #2627					
Filing Date	May 3, 1995					
First Named Inventor	David A. Fischhoff					
Art Unit	1638					
Examiner Name	A. R. Kubelik					
Attorney Docket Number	28079/41785					

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-4,356,270	10-26-1982	Itakura	riguies Appeal
	A2	US-4,448,885	05-15-1984	Schnepf et al.	
	A3	US-4,771,131	09-13-1988	Herrnstadt et al.	
	A4	US-4,859,596	08-22-1989	Hollenberg et al.	
	A5	US-4,943,674	07-24-1990	Houck et al.	
	A6	US-5,082,767	01-21-1992	Hatfield et al.	
	A7	US-5,250,515	10-05-1993		
	A8	US-5,254,799	10-19-1993	De Greve et al.	
	A9	US-5,270,200	12-14-1993	Sun et al.	
	A10	US-5,380,831	01-10-1995	Adang et al.	
	A11	US-5,495,071	02-27-1996		
	A12	US-5,496,732	03-05-1996	Smigocki et al.	
	A13	US-5,500,365	03-19-1996	Fischhoff et al.	
	A14	US-5,567,600	10-22-1996	Adang et al.	
	A15	US-5,567,862	10-22-1996	Adang et al.	
	A16	US-5,625,136	04-29-1997	Koziel et al.	
	A17	US-5,689,052	11-18-1997	Brown et al.	
	A18	US-5,763,241	06-09-1998	Fischhoff et al.	
	A19	US-5,866,784	02-02-1999	Van Mellaert et al.	
	A20	US-5,880,275	03-09-1999	Fischhoff et al.	
	A21	US-6,180,774	01-30-2001	Brown et al.	
	A22	US-6,204,246	03-20-2001	Bosch et al.	
	A23	US-6,284,949	09-04-2001	Fischhoff et al.	
	A24	US-6,689,356	02-10-2004	Zlotkin et al.	
	A25	US-6,833,449	12-21-2004	Barton et al.	

	·	FOREI	GN PATENT	DOCUMENTS		$\neg$
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	B1	EP-0063949	11-03-1982	The Board of Regents of the University of Washington	or Relevant Figures Appear	
	B2	EP-0108580	05-16-1984	Standard Oil Company		
	B3	EP-0126546	03-30-1994	Lubrizol Genetics, Inc.	•	
	B4	EP-0140556	07-15-1992	Lubrizol Genetics, Inc.		
	B5	EP-0142924	05-29-1985	Agrigenetics Research Associates Limited		
	B6	EP-0159884	10-30-1985	Agrigenetics Research Associates Limited		
	B7	EP-0192319	08-27-1986	Mycogen Corporation		$\sqcap$
	B8	EP-0193259	09-03-1986	Von Montagu, Marc Charles Ernest		П
	B9	EP-0221024	05-06-1987	Sandoz-Patent-GMBH		П
	B10	EP-0223452	04-03-1996	Monsanto Company		

Examiner	Date	
Signature	Consider	ered

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subst	Substitute for form 1449/PTO			Complete if Known		
				Application Number	08/434,105-Conf. #2627	
IN	FORMATIO	ON DISC	LOSURE	Filing Date	May 3, 1995	
ST	ATEMENT	BY AP	PLICANT	First Named Inventor	David A. Fischhoff	
				Art Unit	1638	
(Use as many sheets as necessary)			essary)	Examiner Name	A. R. Kubelik	
heet	2	of	11	Attorney Docket Number	28079/41785	

B11	EP-0228838	04-15-1992	Mycogen Corporation	
B12	EP-0267159	05-11-1988	Lubrizol Genetics, Inc.	
B13	EP-0269601	06-01-1988	Monsanto Company	
B14	EP-0275957	07-27-1988	Hoechst Aktiengesellschaft	
B15	EP-0305275	03-01-1989	Plant Genetic Systems N.V.	
B16	EP-0318143	05-31-1989	Lubrizol Genetics, Inc.	
B17	EP-0332104	09-13-1989	CIBA-GEIGY AG	
B18	EP-0340948	11-08-1989	Mycogen Corporation	
B19	EP-0348348	12-27-1989	CIBA-GEIGY AG	
B20	EP-0359472	03-21-1990	Lubrizol Genetics, Inc.	
B21	EP-0385962	09-05-1990	Monsanto Company	
B22	EP-0408403	08-03-1994	Plant Genetics Systems, N.V.	 П
B23	EP-0431829	06-12-1991	Agracetus, Inc.	
B24	EP-0612848	08-31-1994	Sandoz Erfindungen Verwaltungsgesellschaft M.B.H.	
B25	JP-61283228	10-18-1998	Sumitomo Chem. Co. Ltd.	
B26	JP-62319288	07-24-1989	Sumitomo Chem. Co. Ltd.	
B27	WO-88/08880	11-17-1988	Ecogen, Inc.	<u> </u>
B28	WO-90/10076	09-07-1990	Monsanto Company	
B29	WO-90/15139	12-13-1990	Plant Genetics Systems, N.V.	
B30	WO-91/10725	07-25-1991	Biotechnica International, Inc.	
B31	WO-93/07278	04-15-1993		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	*   magazine inurnal serial symposium catalog etc.) date page(s) volume-issue number(s) publis					
	C1	Adami et al., "Adenovirus mRNA Processing - In a Regulated Manner a Splice Site Choice Dominates Over Selection of a Poly A Site Located in an Intron," RNA Processing Meeting, pp. 26, May 11-15 (1988).				
	C2	Adang et al., "Characterized Full-Length and Truncated Plasmid Clones of the Crystal Protein of <i>Bacillus Thuringiensis</i> subsp. <i>Kurstaki</i> HD-73 and their Toxicity to <i>Manduca Sexta</i> ," <i>Genes</i> , 36:289-300 (1985).				
	C3	Adang et al., "Engineering Crop Plants for Insect Resistence," 154th National American Assoc. Adv. Sci., pp.59, Feb. 11-15 (1988).				
	C4	Adang et al., "Expression of a Bacillus Thuringiensis Insecticidal Crystal Protein Gene in Tobacco Plants," Mol. Strat. Crop Protec., 345-353 (1987).				
	C5	Adang et al., "The Reconstruction and Expression of a <i>Bacillus Thuringiensis CryllIA</i> Gene in Protoplasts and Potato Plants," <i>Plant Mol. Biol.</i> , 21:1131-1145 (1993).				

Examiner	Date	
Signature	Considered	

Sub	ostitute for form 1449/PTO			Complete if Known		
				Application Number	08/434,105-Conf. #2627	
11	<b>NFORMATION</b>	l Di	SCLOSURE	Filing Date	May 3, 1995	
S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	David A. Fischhoff	
				Art Unit	1638	
	(Use as many sheets as necessary)			Examiner Name	A. R. Kubelik	
Sheet	3	of	11	Attorney Docket Number	28079/41785	

C6	Aota et al., Codon Usage Tabulated from the GenBank Genetic Sequence Data," <i>Nucl. Acids Res.</i> , 16(Supp): r315-r402 (1988).	
C7	Aronson et al., "Bacillus Thuringiensis and Related Insect Pathogens," Microbiol. Rev., 50(1):1-24 (1986).	
 C8	Audtho et al., "Production of Chymotrypsin-Resistant <i>Bacillus Thuringiensis</i> Cry2Aa1 δ- Endotoxin by Protein Engineering," <i>Appl. Environ. Microbiol.</i> , 65(10);4601-4605 (1999).	
C9	Barker et al., "Nucleotide Sequence of the T-DNA Region from the Agrobacterium tumefaciens Octopine Ti Plasmid pTi15955," Plant Mol. Biol., 2:335-350 (1983).	
C10	Barton et al., "Bacillus Thuringiensis δ-Endotoxin Expressed in Transgenic Nicotiana Tabacum Provides Resistance to Lepidopteran Insects," Plant Phys., 85:1103-1109 (1987).	
C11	Barton et al., "Production of <i>Bacillus Thuringiensis</i> Insecticidal Proteins in Plants," <i>Transgenic Plants</i> , 1:297-315 (1993).	
C12	Barton et al., "Prospects in Plant Genetic Engineering," Science, 219:671-676 (1983).	
C13	Barton et al., "Regeneration of Intact Tobacco Plants Containing Full Length Copies of Genetically Engineered T-DNA, and Transmission of T-DNA to R1 Progeny," <i>Cell</i> , 32:1033-1043 (1983).	
C14	Bashe et al., "Codon Usage Table for Maize Based on Sequences of 25 Nuclear Genes," 63  Maize Genetics Cooperation Newsletter (1989).	
 C15	Bauer et al., "Chemie der Pflanzenschutz-und Sch,,dlings-bek,,mpfungsmittel," Ch. 6, pp.289-295 (1981).	
C16	Beck et al., "Nucleotide Sequence and Exact Localization of the Neomycin Phosphotransferase Gene from Transposon Tn5," <i>Gene</i> , 19:327-336 (1982).	
C17	BioTech Reporter, "Registration of Plant-Pesticides," Government News (1996).	
C18	Borlaug, "Contributions of Conventional Plant Breeding to Food Production," <i>Science</i> , 219:689-693 (1983).	
 C19	Boudraa, "Coding Strategy Variation in the Plant System," Genet. Sel. Evol., 19:143-154 (1987).	
C20	Bozouklian et al., "Nucleotide Sequence of the Azospirillum Brasilense Sp 7 Glutamine Synthetase Structural Gene," <i>Biochemie</i> , 68:1181-1187 (1986).	
C21	Brady et al., "Competition Between Splicing and Polyadenylation Determines which Adenovirus Region E3 mRNAs are Synthesized," RNA Processing Meeting, pp.224, May 11-15 (1988).	
C22	Bravo et al., "Immunocytochemical Localization of <i>Bacillus Thuringiensis</i> Insecticidal Crystal Proteins in Intoxicated Insects," <i>J. Inv. Pathol.</i> , 60:237-246 (1992).	
C23	Brizzard et al., "Nucleotide Sequence of an Additional Crystal Protein Gene Cloned from Bacillus Thuringiensis subsp. Thuringiensis," Nucl. Acids Res., 16:2723-2724 (1988).	
C24	Brown, "A Catalogue of Splice Junction and Putative Branch Point Sequences from Plant Introns," <i>Nucl. Acids Res.</i> , 14:9549-9559 (1986).	
C25	Callis et al., "Introns Increase Gene Expression in Cultured Maize Cells," Genes & Devel., 1:1183-1200 (1987).	
C26	Campbell et al., "Codon Usage in Higher Plants, Green Algae, and Cyanobacteria," Plant Physiol., 92 (1990).	
 C27	Caplan et al., "Introduction of Genetic Material into Plant Cells," Science, 222:815-821 (1983).	
C28	Chilton et al., "Tailoring the Agrobacterium Ti Plasmid as a Vector for Plant Genetic Engineering," Stadler Symposium, 13:39-51 (1981).	
C29	Chilton, "A Vector for Introducing New Genes into Plants," Scientific American, 248:51-59 (1983).	
C30	Church et al., "Genomic Sequencing," PNAS USA, 82:1991-1995 (1984).	

Examiner	Date	
Signature	Considered	

Sut	ostitute for form 1449/PTO			Complete if Known		
l				Application Number	08/434,105-Conf. #2627	
11	<b>NFORMATION</b>	1 DI	SCLOSURE	Filing Date	May 3, 1995	
S	TATEMENT E	<b>3Y</b> /	APPLICANT	First Named Inventor	David A. Fischhoff	
l				Art Unit	1638	
(Use as many sheets as necessary)			; necessary)	Examiner Name	A. R. Kubelik	
Sheet	4	of	11	Attorney Docket Number	28079/41785	

	C31	Conway et al., "Identification of Bases and Phosphates of SV40 Late Pre-mRNAs that are Required for 3' End Formation <i>In Vitro</i> ," <i>RNA Processing Meeting</i> , pp.40, May 11-15 (1988).	
	C32	Daar et al., "Premature Translation Termination Mediates Mammalian mRNA Degradation," RNA Processing Meeting, pp.45, May 11-15 (1988).	-
	C33	Dalbadie et al., "Oligonucleotide-Directed Mutagenesis as a General and Powerful Method for Studies of Protein Function," <i>PNAS USA</i> , 79:6409-6413 (1982).	
	C34	Dandekar et al., "Low Levels of Expression of Wild Type Bacillus Thuringiensis var. Kurstaki CrylA (c) Sequences in Transgenic Walnut Somatic Embryos," Plant Science, 96:151-162 (1994).	
	C35	De Cleene et al., "The Host Range of Crown Gall," Botanical Review, 42:409-413 (1976).	
:	C36	De Greve et al., "Regeneration of Normal and Fertile Plants that Express Octopine Synthase, from Tobacco Crown Gails after Deletion of Tumour-Controlling Functions," <i>Nature</i> , 300:752-755 (1982).	-
	C37	Dean et al., "mRNA Transcripts of Several Plant Genes are Polyadenylated at Multiple Sites In Vivo," Nucl. Acids Res., 14:2229-2240 (1986).	
	C38	Dedrick et al., "Purified RNA Polymerase II Recognizes Specific Termination Sites During Transcription in Vitro," J. Biol. Chem., 262:9098-9108 (1987).	
	C39	Devonshire et al., "A Carboxylesterase with Broad Substrate Specificity Causes Organophosphorus, Carbamate and Pyrethroid Resistance in Peach-Potato Aphids ( <i>Myzus persicae</i> )," <i>Pest. Biochem. Physiol.</i> , 18:235-246 (1982).	
	C40	Dhaese et al., "Identification of Sequences Involved in the Polyadenylation of Higher Plant Nuclear Transcripts Using Agrobacterium T-DNA Genes as Models," <i>EMBO J.</i> , 2(3):419-426 (1983).	
	C41	Diehn et al., "Problems That Can Limit the Expression of Foreign Genes in Plants: Lessons to be Learned from B.t. Toxin Genes," 18 Genetic Engineering 83 (1996).	
	C42	Donovan et al., "Amino Acid Sequences and Entomocidal Activity of the P2 Crystal Protein," J. Biol. Chem., 263:561-567 (1988).	
	C43	Drummond, "Launching Genes Across Phylogenetic Barriers," Nature, 303:198-199 (1983).	
	C44	Ernst, "Codon Usage and Gene Expression," <i>TiBiotechnol.</i> , 6:196-199 (1988).	
	C45	Ferre et al., "Resistance to the <i>Bacillus Thuringiensis</i> Bioinsecticide in a Field Population of <i>Plutella Xylostella</i> is Due to a Change in a Midgut Membrane Receptor," <i>PNAS USA</i> , 88:5119-5123 (1991).	
	C46	Fischhoff et al., "Insect Tolerant Transgentic Tomato Plants," <i>BioTechnology</i> , 5:807-813 (1987).	
	C47	Foard et al., "Engineering of Crop Plants with Resistance to Herbivores and Pathogens: An Approach Using Primary Gene Products," <i>Plant Mol. Biol.</i> , 223-233 (1983).	
	C48	Fraley et al., "Use of a Chimeric Gene to Confer Antibiotic Resistance to Plant Cells,"  Molecular Genetics of Plants and Animals, Miami Winter Symposium, 22:211-221 (1983).	
	C49	Fujimura et al., "Regeneration of Rice Plants from Protoplasts," <i>Plant Tissue Culture Lett.</i> , 2(2):74-75 (1985).	
	C50	Gallego et al., "Mutually Exclusive Splicing of Myosin Light Chain (MLC) I/3 Transcripts is Cis Regulated: Hierarchy Among Donor and Acceptor Splice Site Pairs," RNA Processing Meeting, pp.61, May 11-15 (1988).	
	C51	Ge et al., "Functional Domains of Bacillus Thuringiensis Insecticidal Crystal Proteins," <i>J. Biol. Chem.</i> , 266:17954-17958 (1991).	-
	C52	Gelvin et al., "Use of a T <sub>R</sub> T-DNA Promoter to Express Genes in Plants and Bacteria," <i>Mol. Gen. Genet.</i> , 199:240-248 (1985).	
	C53	Genovese et al., "Alterations in Immunoglobulin mRNA Stability During B Cell Development,"	

Examiner	Date	
Signature	Considered	

Sub	ostitute for form 1449/PTO			Complete if Known		
				Application Number	08/434,105-Conf. #2627	
IN	<b>NFORMATION</b>	N DIS	SCLOSURE	Filing Date	May 3, 1995	
S	TATEMENT I	BY A	PPLICANT	First Named Inventor	David A. Fischhoff	
				Art Unit	1638	
	(Use as many sh	eets as	necessary)	Examiner Name	A. R. Kubelik	
Sheet	5	of	11	Attorney Docket Number	28079/41785	

	RNA Processing Meeting, pp.62, May 11-15 (1988).
C54	George et al., "High-Level Expression in Escherichia coli of Biologically Active Bovine Growth CHormone," DNA, 4:273-281 (1985).
C55	Gil et al., "A Sequence Downstream of AAUAAA is Required for Rabbit β-Globin mRNA 3'-End Formation, "C59 <i>Nature</i> , 312:473-474 (1984).
C56	Goldsbrough et al., "Expression of Maize Zein Genes in Transformed Sunflower Cells," <i>Mol. Gen. Genet.</i> , 202:3C6174-381 (1986).
C57	Gonzales-Cabrera et al., "Binding of <i>Bacillus Thuringiensis</i> Toxins in Resistant and Susceptible Strains of Pink BollCworm ( <i>Pectinophora gossypiella</i> )," <i>Insect Biochem. Mol. Biol.</i> , 33:929-935 (2003).
C58	Goodall et al., "Specifically of Nuclear pre-RNA Splicing in Plants," RNA Processing Meeting, pp.63, May 11-15 (1988).
C59	Gould et al., "Transformation of Zeta Mays L. Using Agrobacterium Tumefaciens and the Shoot Apex," <i>Plant Physiol</i> , 95:426-434 (1991).
C60	Gould, "Genetic Engineering, Integrated Pest Management and the Evolution of Pests," <i>TiBiotechnol</i> , 6:312-315 (1988).
C61	Gould, "Simulation Models for Predicting Durability of Insect-Resistant Germ Plasm: Hessian Fly (Diptera: Cecidomyiidae)-Resistant Winter Wheat," <i>Environ. Entomol.</i> , 15:11-23 (1986).
C62	Gouy, "Codon Contexts in Enterobacterial and Coliphage Genes," Mol. Biol. Evol., 4:426-444 (1987).
C63	Green et al., "Wound-Induced Proteinase Inhibitor in Plant Levels: A Possible Defense Mechanism Against Insects," <i>Science</i> , 175:776-777 (1972).
C64	Grimsley et al., "Agrobacterium-Mediated Delivery of Infectious Maize Streak Virus into Maize Plants," <i>Nature</i> , 325(8):177-179 (1987).
C65	Gritz et al., "Plasmid-Encoded Hygromycin B Resistance: The Sequence of Hygromycin B Phosphotransferase Gene and its Expression in <i>Escherichia coli</i> and <i>Saccharomyces cerevisiae</i> ," <i>Gene</i> , 25:179-188 (1983).
C66	Hampson et al., "Alternative Processing of Bovine Growth Hormone Precursor mRNA is Strongly Influenced by Sequences within the Downstream Exon," RNA Processing Meeting, pp.68, May 11-15 (1988).
C67	Hanley et al., "Plant Intron Sequences: Evidence for Distinct Groups of Introns," <i>Nucl. Acids Res.</i> , 16:7159-7176 (1988).
C68	Held et al., "Cloning and Localization of the Lepidopteran Protoxin Gene of <i>Bacillus Thuringiensis</i> subsp. <i>Kurstaki</i> ," <i>PNAS USA</i> , 79:6065-6069 (1982).
C69	Helfman et al., "Studies of Alternative RNA Splicing of Tropomyosin pre-mRNAs in Vitro," RNA Processing Meeting, pp.219, May 11-15 (1988).
C70	Herrera-Estrella et al., "Expression of Chimaeric Genes Transferred into Plant Cells Using a Ti-Plasmid-Derived Vector," <i>Nature</i> , 303:210-213 (1983).
C71	Hilder et al., "A Novel Mechanism of Insect Resistance Engineering into Tobacco," <i>Nature</i> , 330:160-163 (1987).
C72	Hinchee et al., "Production of Transgenic Soybean Plants Using AgrobacteriumMediated DNA Transfer," BioTechnol, 6:915-922 (1988).
C73	Hoekema et al., "Codon Replacement in the <i>PGKI</i> Gene of <i>Saccharomyces Cerevisiae</i> : Experimental Approach to Study the Role of Biased Codon Usage in Gene Expression," <i>Mol. Cell Biol.</i> , 7:2914-2924 (1987).
C74	Hofmann et al., "Binding of the Delta Endotoxin from <i>Bacillus Thuringiensis</i> to Brush-Border Membrane Vesicles of the Cabbage Butterfly ( <i>Pieris Brassicae</i> )," <i>Eur. J. Biochem.</i> , 173:85-91 (1988).

Examiner	Date	
Signature	Considered	

Sub	stitute for form 1449/PTO			Complete if Known		
				Application Number	08/434,105-Conf. #2627	
11	<b>IFORMATION</b>	I DI	SCLOSURE	Filing Date	May 3, 1995	
S	TATEMENT 8	3Y /	APPLICANT	First Named Inventor	David A. Fischhoff	
_				Art Unit	1638	
	(Use as many sh	eets as	s necessary)	Examiner Name	A. R. Kubelik	
Sheet	6	of	11	Attorney Docket Number	28079/41785	

 _		
C75	Hofmann et al., "Specificity of <i>Bacillus Thuringiensis</i> δ-Endotoxins is Correlated with the Presence of High-Affinity Binding Sites in the Brush Border Membrane of Target Insect Midguts," <i>PNAS USA</i> , 85:7844-7848 (1988).	
C76	Hofmann, "The Binding of Bacillus Thuringiensis Delta-Endotoxin to Cultured Insect Cells and to Brush Border Membrane Vesicles," <i>A Dissertation Submitted to the Swiss Federal Institute of Technology Zurich</i> , ETH No. 8498 (1988).	
C77	Hofte et al., "Fusion Proteins with Both Insecticidal and Neomycin Phosphotransferase II Activity," FEBS Lett., 226:364-370 (1988).	
C78	Hofte et al., "Insecticidal Crystal Proteins of <i>Bacillus Thuringiensis</i> ," <i>Microbiol. Rev.</i> , 53:242-255 (1989).	
C79	Hofte et al., "Nucleotide Sequence of a Gene Encoding an Insecticidal Protein of Bacillus Thuringiensis var. Tenebrionis Toxic Against Coleoptera," Nucl. Acids Res., 15(17):7183 (1987).	
C80	Hofte et al., "Structural and Functional Analysis of a Cloned Delta Endotoxin of Bacillus Thuringiensis Berliner 1715," Eur. J. Biochem., 161:273-280 (1986).	
C81	Honee et al., "Nucleotide Sequence of Crystal Protein Gene Isolated from <i>B. Thuringiensis</i> subsp. <i>entomocidus</i> 60.5 Coding: For a Toxin Highly Active Against <i>Spodoptern</i> Species," <i>Nucl. Acids Res.</i> , 16, 6240 (1988).	
C82	Honee et al., Chemical Abstracts No. 193742, 112(21):262 (1990).	
C83	Honigman et al., "Cloning and Expression of the Lepidopteran Toxin Produced by Bacillus Thuringiensis var. Thuringiensis is Escherichia Coli," Gene, 42:69-77 (1986).	
C84	Hooykaas et al., "The Agrobacterium Tumefaciens T-DNA Gene 6b is an Onc Gene," Plant Mol. Biol., 11:791-794 (1988).	
C85	Horsch et al., "A Simple and General Method for Transferring Genes into Plants," <i>Science</i> , 227:1229-1231 (1985).	
C86	Hunt et al., "Deletion Analysis of the Polyadenylation Signal of a Pea Ribulose-1,5-Bisphosphate Carboxylase Small Subunit Gene," <i>Plant Mol. Biol.,</i> 13:125-138 (1989).	
C87	Hunt et al., "Plant Cells Do Not Properly Recognize Animal Gene Polyadenylatioin Signals," Plant Mol. Biol., 8:23-35 (1987).	
C88	Ikemura, "Codon Usage and tRNA Content in Unicellular and Multicellular Organisms," Mol. Biol. Evol., 2(1):13-34 (1985).	
C89	Ikemura, "Correlation Between the Abundance of Escherichia coli Transfer RNAs and the Occurence of the Respective Codons in its Protein Genes," <i>J. Mol. Biol.</i> , 146:1-21 (1981).	
C90	Janssen et al., "Localized Transient Expression of GUS in Leaf Discs Following Cocultivation with Agrobacterium," Plant Mol. Biol., 14:61-72 (1989).	
C91	Janzen et al., "Insecticidal Action of the Phytohemagglutinin in Black Beans on a Bruchid Beetle," <i>Science</i> , 192:795-796 (1976).	
C92	Jones et al., "High Level Expression of Introduced Chimaeric Genes in Regenerated Transformed Plants," <i>EMBO J.</i> , 4:2411-2418 (1985).	
C93	Joshi, "Putative Polyadenylation Signals in Nuclear Genes of Higher Plants: A Compilation and Analysis," <i>Nuc. A.R.</i> , 15:9627-9640 (1987).	
C94	Karim et al., "Toxicity and Receptor Binding Properties of <i>Bacillus Thuringinesis</i> δ-Endotoxins to the Midgut Brush Border Membrane Vesicles of the Rice Leaf Folders, <i>Cnaphalocrocis Medinalis</i> and <i>Marasmia Patnalis</i> ," <i>Curr. Microbiol.</i> , 41:276-283 (2000).	
C95	Keith et al., "Moncot and Dicot pre-mRNAs are Processed with Different Efficiencies in Transgenic Tobacco," <i>EMBO J.</i> , 5(10):2419-2425 (1986).	
C96	Kemp et al., "Agrobacterium-Mediated Transfer of Foreign Genes into Plants," <i>Genetic Engineering</i> , 7:215-228 (1983).	

Examiner	Date	
Signature	Considered	[

Substi	titute for form 1449/PT	O		Complete if Known		
		_		Application Number	08/434,105-Conf. #2627	
INI	FORMATIC	ON DI	SCLOSURE	Filing Date	May 3, 1995	
ST	ATEMENT	BY /	APPLICANT	First Named Inventor	David A. Fischhoff	
				Art Unit	1638	
	(Use as many	sheets as	; necessary)	Examiner Name	A. R. Kubelik	
Sheet	7	of	11	Attorney Docket Number	28079/41785	

C9	Kemp et al., "Transfer of a Functional Gene via the T1 Plasmid," Chem. Abst., 101(3):176-177 (1984).
C98	Kessler et al., "A Novel Transcription Elongation Block is Active within the Late Leader Sequences of SV40," RNA Processing Meeting, pp.85, May 11-15 (1988).
C9:	Klier et al., "Cloning and Expression of the Crystal Protein Genes from <i>Bacillus Thuringiensis</i> Strain <i>Berliner</i> 1715," <i>EMBO J.</i> , 7:791-799 (1982).
C10	
C10	Kniskern et al., "Unusually High-Level Expression of a Foreign Gene (Hepatitis B Virus Core Antigen) in Saccharomyces Cerevisiae," Gene, 46:135-141 (1986).
C10	Korber et al., "T-DNA Gene 5 of Agrobacterium Modulates Auxin Response by Autoregulated Synthesis of a Growth Hormone Antagonist in Plants," EMBO J., 10:3983-3991 (1991).
C10	PNAS USA, 83:2850-2854 (1986).
C16	Koziel et al., "The Insecticidal Crystal Proteins of Bacillus Thuringiensis: Past, Present and Future Uses," BioTechnol. Genet. Eng. Rev., 11:171-228 (1993).
C10	Bacteriol., 154:419-428 (1983).
C16	Gene, 43:29-40 (1986).
C16	Ledeboer et al., "Advances in Gene Technology for Plants and Animals," <i>BioTechnology</i> , 169-171 (1983).
C10	Lee et al., "Determination of Binding of <i>Bacillus Thuringiensis</i> §-Endotoxin Receptors to Rice Stem Borer Midguts," <i>Appl. Environ. Microbiol.</i> , 63:1453-1459 (1997).
C16	Leemans et al., "Genetic Identification of Functions of TL-DNA Transcripts in Octopine Crown Galls," <i>EMBO J.</i> , 1:147-152 (1982).
C1	Use tal., "Role, Structure and Molecular Organization of the Genes Coding for the Parasporal §-Endotoxins of Bacillus Thuringiensis," Regulation of Procaryotic Development, Ch.13:255-275 (1989).
C1	
C1	
C1	3 Lim et al., "Tissue Specificity of mRNA Degradation," RNA Processing Meeting, pp.128, May 11-15 (1988).
C1	4 Logan et al., "A Poly(A) Addition Site and a Downstream Termination Region are Required for Efficient Cessation of Transcription by RNA Polymerase II in the Mouse Maj-Globin Gene," <i>Proc. Natl. Acad. Sci. (USA)</i> , 84:8306-8310 (1987).
C1	5 Luthy et al., "The Entomocidal Toxins of <i>Bacillus Thuringiensis</i> ," <i>Pharmac. Ther.</i> , 13:257-283 (1981).
C1	6 Lycett et al., "Are Plant Genes Different?" FEBS Lett., 153:43-46 (1983).
C1	7 MacIntosh et al., "Binding of <i>Bacillus Thuringiensis</i> Proteins to a Laboratory-Selected Line of <i>Heliothis Virescens</i> ," <i>PNAS USA</i> , 88:8930-8933 (1991).
C1	8 MacIntosh et al., "Specificity and Efficacy of Purified Bacillus Thuringiensis Proteins Against Agronomically Important Insects," J. Invert. Pathology, 56:258-266 (1990).
C1	
C12	
C12	

Exar	miner	Date	
Sign	ature	Considered	

Sub	stitute for form 1449/PTO			Complete if Known		
				Application Number	08/434,105-Conf. #2627	
II.	<b>IFORMATION</b>	I DI	SCLOSURE	Filing Date	May 3, 1995	
S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	David A. Fischhoff	
				Art Unit	1638	
	(Use as many sh	eets as	necessary)	Examiner Name	A. R. Kubelik	
Sheet	8	of	11	Attorney Docket Number	28079/41785	

	783 (1985).
C122	Marx, "Ti Plasmids as Gene Carriers," Science, 214:1305 (1982).
C123	Marzluff et al., "Intervening Sequences Interfere with Formation of 3' Ends of Histone mRNAs," RNA Processing Meetings, pp.244, May 11-15 (1988).
C124	Maugh, "Exploring Plant Resistance to Insects," Science, 216:722-733 (1982).
C125	Mazodier et al., "Completion of the Nucleotide Sequences of the Central Region of Tn5 Confirms the Presence of Three Resistance Genes," <i>Nucl. Acids Res.</i> , 13:195-205 (1985).
C126	McDevitt et al., "Requirement of a Downstream Sequence for Generation of a Poly(A) Addition Site," Cell, 37:993-999 (1984).
C127	McGaughey et al., "Indianmeal Moth (Lepidoptera: Pyralidae) Resistance to Different Strains and Mixtures of <i>Bacillus Thuringiensis</i> ," <i>J. Econ. Entomol.</i> , 85:1594-1600 (1992).
C128	McGaughey et al., "Toxicity of Different Serotypes and Toxins of <i>Bacillus Thuringiensis</i> to Resistant and Susceptible Indianmeal Moths (Lepidoptera: Pyralidae)," <i>J. Econ. Entomol.</i> , 80:1122-1126 (1987).
C129	McGaughey, "Problems of Insect Resistance to Bacillus Thuringiensis," Agricult. Ecosyt. & Environment, 49:95-102 (1994).
C130	McPherson et al., "Characterization of the Coleopteran-Specific Protein Gene of Bacillus Thuringiensis var. Tenebrions," BioTechnology, 6:61-66 (1988).
C131	Messing et al., "Plant Gene Structure," Genetic Engineering of Plants, 211-227 (1983).
C132	Metcalf, "Insect Resistance to Insecticides," Pestic. Sci., 26:333-358 (1989).
C133	Miller et al., "Bacterial, Viral, and Fungal Insecticides," Science, 219:715-721 (1983).
C134	MPEP, "Simulated or Predicted Test Results or Prophetic Examples," 5th Ed., 608.01(q)D (1983).
C135	Murai et al., "T-DNA of pTi-15955 et etc.," Chem Abst., 96:156 (1982).
C136	Murray et al., "Analysis of Unstable RNA Transcripts of Insecticidal Crystal Protein Genes of Bacillus Thuringiensis in Transgenic Plants and Electroporated Protoplasts," Plant Mol. Biol., 16:1035-1050 (1991).
C137	Murray, "Codon Usage in Plant Genes," Nucl. Acids Res., 17(2):477-498 (1989).
C138	Nassal et al., "Structure-Functions Studies on Bacteriorhodopsin," J. Biol. Chem., 262:9264-9270 (1987).
C139	Norris et al., "Biochemical and Morphological Bases of Resistance," <i>Breeding Plants</i> , 29:56-57 (1980).
C140	Ohnie-Takagi et al., "The Effect of Sequences with High AU Content on mRNA Stability in Tobacco," <i>Proc. Natl. Acad. Sci. (USA)</i> , 90:11811-11815 (1993).
C141	Oneill et al., "Overproduction from a Cellulase Gene with a High Guanosine-Plus-Cytosine Content in Escherichia Coli," Appl. Environ. Microbiol., 52:737-743 (1986).
C142	Osborn et al., "Insecticidal Activity and Lectin Homology of Arcelin Seed Protein," Science, 240:207-210 (1988).
C143	Pandey et al., "Processing and Stability of Transcripts from Chimeric Histone-Globin Genes," RNA Processing Meeting, pp.133, May 13-17 (1987).
C144	Payne, "Current Uses and Future Prospects for Microbial Pest Control Agents," <i>Med. Fac. Landbouww. Rijksuniv. Gent.</i> , 52(2a):113-123 (1987).
C145	Peerbolte et al., "Clones from a Shooty Tobacco Crown Gall Tumor I: Deletions, Rearrangements and Amplifications Resulting in Irregular T-DNA Structures and Organizations," <i>Plant Mol. Biol.</i> , 7:265-284 (1986).
C146	Perlak et al., "Insect Resistant Cotton Plants," BioTechnol, 8:939-943 (1990).

Date Considered

Examiner Signature

PTO/SB/08A/B (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE respond to a collection of information unless it contains a valid OMB control number.

	Order the Paperwork Reduction Act of 1990, he persons are required to respond to a collection of midnificant unless it contains a valid Owla control number					
Sub	Substitute for form 1449/PTO			Complete if Known		
				Application Number	08/434,105-Conf. #2627	
II.	<b>IFORMATION</b>	1 DI	SCLOSURE	Filing Date	May 3, 1995	
S	TATEMENT I	3Y /	APPLICANT	First Named Inventor	David A. Fischhoff	
				Art Unit	1638	
	(Use as many sheets as necessary)			Examiner Name	A. R. Kubelik	
Sheet	9	of	11	Attorney Docket Number	28079/41785	

C148 Pottykus, "Gene Transfer to Cereals: An Assessment," <i>Bio Technology</i> , 535-542 (1990) C149 Proudfoot et al., "Termination of Transcription and 3': End Processing in Eukaryotic Genes Transcribed by RNA Polymerase II: The Signals Involved and Their Role in Gene Regulation," <i>RNA Processing Meeting</i> , pp.17, May 13-17 (1987). C150 Ream et al., "Multiple Mutations in the T Region of the <i>Agrobacterium Tumefaciens</i> Tumor-inducing Plasmid," <i>PNAS USA</i> , 80:1660-1664 (1983). C151 Reines et al., "dentification of Intrinsic Termination Sites <i>in Vitro</i> for RNA Polymerase II Within Eukaryotic Gene Sequences," <i>J. Mol. Biol.</i> , 196:299-312 (1987). C152 Rogan et al., "Enzyme-Linked Immunosorbent Assay for Quantitation of Neomycin Phosphotransferase II in Genetically Modified Cotton Tissue Extracts," <i>J. Agricul Food Chem.</i> , 40:1453-1458 (1992). C153 Rousch, "Designing Resistance Management Programs: How Can You Choose?" <i>Pestic Sci.</i> , 26:423-441 (1989). C154 Sadofsky et al., "Sequences on the 3' Side of Hexanucleotide AAUAAA Affect Efficiency of Cleavage at the Polyadenylation Site," <i>Mol. Cell Biol.</i> , 4:1460-1468 (1984). C155 Saghai-Maroof et al., "Tibosomal DNA Spacer-Length Polymorphisms in Barley: Mendelian Inheritance, Chromosomal Location, and Population Dynamics," <i>PNAS USA</i> , 81:8014-8018 (1984). C156 Schafer et al., "T-DNA Integration and Expression in a Monocot Crop Plant After Induction of Agrobacterium", Nature, 327:529-532 (1987). C157 Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants," <i>Biol achion.</i> , 175-180 (1983). C159 Schell et al., "The Ti Plasmids as Experimental Gene Vectors for Plants," <i>Biol achion.</i> , 175-180 (1983). C160 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of Bacillus Thuringiensis Using the Tobacco Hornworm, Manduca sexta", 1991. Environ Microbiol. 33:878-880 (1977). C161 Schenpf et al., "Cloning and Expression of the Bacillus Thuringiensis Crystal Protein Gene in <i>Escherichia coli</i> ," <i>PNAS USA</i> , 78:2893-2897 (1981). C163 Schenpf et al.,			
Transcribed by RNA Polymerase II: The Signals Involved and Their Role in Gene Regulation," RNA Processing Meeting, pp.17, May 13-17 (1987).  C150 Ream et al., "Multiple Mutations in the T Region of the Agrobacterium Turmefaciens Tumor-Inducing Plasmid," PNAS USA, 80:1660-1664 (1983).  C151 Reines et al., "Identification of Intrinsic Termination Sites in Vitro for RNA Polymerase II Within Eukaryotic Gene Sequences," J. Mol. Biol., 196:299-312 (1987).  C152 Rogan et al., "Enzyme-Linked Immunosorbent Assay for Quantitation of Neomycin Phosphotransferase II in Genetically Modified Cotton Tissue Extracts," J. Agricul Food Chem., 40:1453-1458 (1992).  C153 Rousch, "Designing Resistance Management Programs: How Can You Choose?" Pestic Sci., 26:423-441 (1989).  C154 Sadofsky et al., "Sequences on the 3' Side of Hexanucleotide AAUAAA Affect Efficiency of Cleavage at the Polyadenylation Site," Mol. Cell Biol., 4:1460-1468 (1984).  C155 Saghai-Marcof et al., "Ribosomal DNA Spacer-Length Polymorphisms in Barley: Mendelian Inheritance, Chromosomal Location, and Population Dynamics," PNAS USA, 81:8014-8018 (1984).  C156 Schafer et al., "T-DNA Integration and Expression in a Monocot Crop Plant After Induction of Agrobacterium," Nature, 327:529-532 (1987).  C157 Schell et al., "Tebra mit Fremden Genen," Naturwiss Rundschau, 36:254-260 (1983).  C158 Schell et al., "Tebra mit Fremden Genen," Naturwiss Rundschau, 36:254-260 (1983).  C159 Schell et al., "Telpasmids as Experimental Gene Vectors for Plants," 15th Miami Winter Symposium, 20:191-209 (1983).  C160 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of Bacillus Thuringiensis Using the Tobacco Homworm, Manduca sexta," Appl. Environ. Microbiol., 33:878-880 (1977).  C161 Scheef et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coi," PNAS USA, 78:2893-2897 (1981).  C162 Scheef et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coi," Jaceteriol, 169:4110-4118 (1987).  C163 Scheef et al	C148		
Inducing Plasmid," PNAS USA, 80.1660-1664 (1983).	C149	Transcribed by RNA Polymerase II: The Signals Involved and Their Role in Gene Regulation," RNA Processing Meeting, pp.17, May 13-17 (1987).	
Eukaryotic Gene Sequences," J. Mol. Biol., 196:299-312 (1987).   C152   Rogan et al., "Enzyme-Linked Immunosorbent Assay for Quantitation of Neomycin Phosphotransferase II in Genetically Modified Cotton Tissue Extracts," J. Agricul Food Chem., 40:1453-1458 (1992).   C153   Rousch, "Designing Resistance Management Programs: How Can You Choose?" Pestic Sci., 26:423-441 (1989).   C154   Sadofsky et al., "Sequences on the 3' Side of Hexanucleotide AAUAAA Affect Efficiency of Cleavage at the Polyadenylation Site," Mol. Cell Biol., 4:1460-1468 (1984).   C155   Saghai-Maroof et al., "Ribosomal DNA Spacer-Length Polymorphisms in Barley: Mendelian Inheritance, Chromosomal Location, and Population Dynamics," PNAS USA, 81:8014-8018 (1984).   C156   Schafer et al., "T-DNA Integration and Expression in a Monocot Crop Plant After Induction of Agrobacterium," Nature, 327:529-532 (1987).   C157   Schell et al., "Leben mit Fremden Genen," Naturwiss Rundschau, 36:254-260 (1983).   C158   Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants," BioTechnol., 175:180 (1983).   C159   Schell et al., "Ti Plasmids as Experimental Gene Vectors for Plants," BioTechnol., 175:180 (1983).   C160   Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of Bacillus Thuringiensis Using the Tobacco Hornworm, Manduca sexta," Appl. Environ. Microbiol., 33:878-880 (1977).     C161   Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).     C163   Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).     C164   Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).     C165   Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).     C166   S	C150	Inducing Plasmid," PNAS USA, 80:1660-1664 (1983).	
Phosphotransferase II in Genetically Modified Cotton Tissue Extracts," <i>J. Agricul Food Chem.</i> , 40:1453-1458 (1992).  C153 Rousch, "Designing Resistance Management Programs: How Can You Choose?" <i>Pestic Sci.</i> , 26:423-441 (1989).  C154 Sadofsky et al., "Sequences on the 3' Side of Hexanucleotide AAUAAA Affect Efficiency of Cleavage at the Polyadenylation Site," <i>Mol. Cell Biol.</i> , 4:1460-1468 (1984).  C155 Saghai-Maroof et al., "Ribosomal DNA Spacer-Length Polymorphisms in Barley: Mendelian Inheritance, Chromosomal Location, and Population Dynamics," <i>PNAS USA</i> , 81:8014-8018 (1984).  C156 Schafer et al., "T-DNA Integration and Expression in a Monocot Crop Plant After Induction of Agrobacterium," <i>Nature</i> , 327:529-532 (1987).  C157 Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants," <i>BioTechnol.</i> , 175-180 (1983).  C159 Schell et al., "The Ti Plasmids as Experimental Gene Vectors for Plants," <i>Symposium</i> , 20:191-209 (1983).  C160 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of <i>Bacillus Thuringiensis</i> Using the Tobacco Hornworm, <i>Manduca sexta</i> ," <i>Appl. Environ. Microbiol.</i> , 33:878-880 (1977).  C161 Schnepf et al., "Boillus Thuringiensis and Its Pesticidal Crystal Proteins," <i>MMBR</i> , 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the <i>Bacillus Thuringiensis</i> Crystal Protein Gene in <i>Escherichia coli</i> ," <i>PNAS USA</i> , 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned <i>Bacillus Thuringiensis</i> Crystal Protein Gene in <i>Escherichia coli</i> ," <i>J. Bacteriol</i> , 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from <i>Bacillus Thuringiensis</i> Deduced from the DNA Base Sequence," <i>J. Biol. Chem.</i> , 260:6264-6272 (1985).  C165 Sekar et al., "Nolecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of <i>Bacillus Thuringiensis</i> var. <i>Tenebrionis</i> ," <i>PNAS USA</i> , 84:7036-7040 (1987).  C166 Shaye et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Poten	C151		
26:423-441 (1989).  C154 Sadofsky et al., "Sequences on the 3' Side of Hexanucleotide AAUAAA Affect Efficiency of Cleavage at the Polyadenylation Site," <i>Mol. Cell Biol.</i> , 4:1460-1468 (1984).  C155 Saghai-Maroof et al., "Ribosomal DNA Spacer-Length Polymorphisms in Barley: Mendelian Inheritance, Chromosomal Location, and Population Dynamics," <i>PNAS USA</i> , 81:8014-8018 (1984).  C156 Schafer et al., "T-DNA Integration and Expression in a Monocot Crop Plant After Induction of Agrobacterium," <i>Nature</i> , 327:529-532 (1987).  C157 Schell et al., "Leben mit Fremden Genen," <i>Naturwiss Rundschau</i> , 36:254-260 (1983).  C158 Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants," <i>BioTechnol.</i> , 175-180 (1983).  C159 Schell et al., "Ti Plasmids as Experimental Gene Vectors for Plants," <i>BioTechnol.</i> , 175-180 (1983).  C160 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of <i>Bacillus Thuringiensis</i> Using the Tobacco Hormworm, <i>Manduca sexta</i> ," <i>Appl. Environ. Microbiol.</i> , 33:878-880 (1977).  C161 Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Proteins," <i>MMBR</i> , 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the <i>Bacillus Thuringiensis</i> Crystal Protein Gene in <i>Escherichia coli,</i> " <i>PNAS USA</i> , 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned <i>Bacillus Thuringiensis</i> Crystal Protein Gene in <i>Escherichia coli,</i> " <i>J. Bacteriol</i> , 169:4110-4118 (1987).  C164 Schnepf et al., "Expression of a Cloned <i>Bacillus Thuringiensis</i> Crystal Protein Gene of <i>Bacillus Thuringiensis</i> Deduced from the DNA Base Sequence," <i>J. Biol. Chem.</i> , 260:6284-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of <i>Bacillus Thuringiensis</i> var. <i>Tenebrionis</i> ," <i>PNAS USA</i> , 84:7036-7040 (1987).  C166 Sharp et al., "Caodon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," <i>Nucl. Acids Res.</i> , 14:5125-5143 (1986).  C167 Sharp et al., "Caodon Usage in Yeast: Cluster	C152	Phosphotransferase II in Genetically Modified Cotton Tissue Extracts," J. Agricul Food Chem.,	
Cleavage at the Polyadenylation Site," <i>Mol. Cell Biol.</i> , 4:1460-1468 (1984).  C155 Saghai-Maroof et al., "Ribosomal DNA Spacer-Length Polymorphisms in Barley: Mendelian Inheritance, Chromosomal Location, and Population Dynamics," <i>PNAS USA</i> , 81:8014-8018 (1984).  C156 Schafer et al., "T-DNA Integration and Expression in a Monocot Crop Plant After Induction of . <i>Agrobacterium</i> ," <i>Nature</i> , 327:529-532 (1987).  C157 Schell et al., "Leben mit Fremden Genen," <i>Naturwiss Rundschau</i> , 36:254-260 (1983).  C158 Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants," <i>BioTechnol.</i> , 175-180 (1983).  C159 Schell et al., "Ti Plasmids as Experimental Gene Vectors for Plants," <i>BioTechnol.</i> , 175-180 (1983).  C150 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of <i>Bacillus Thuringiensis</i> Using the Tobacco Hornworm, <i>Manduca sexta</i> ," <i>Appl. Environ. Microbiol.</i> , 33:878-880 (1977).  C161 Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Proteins," <i>MMBR</i> , 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the <i>Bacillus Thuringiensis</i> Crystal Protein Gene in <i>Escherichia coli</i> ," <i>PNAS USA</i> , 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned <i>Bacillus Thuringiensis</i> Crystal Protein Gene in <i>Escherichia coli</i> ," <i>J. Bacteriol</i> , 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from <i>Bacillus Thuringiensis</i> Deduced from the DNA Base Sequence," <i>J. Biol. Chem.</i> , 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of <i>Bacillus Thuringiensis</i> var. <i>Tenebrionis</i> ," <i>PNAS USA</i> , 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," <i>Nucl. Acids Res.</i> , 14:5125-5143 (1986).  C167 Shary et al., "Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," <i>Nucl. Acids Res.</i> , 15:1281-1295 (1987).  C168 Shaw et al.,	C153	, <u> </u>	
C155 Saghai-Maroof et al., "Ribosomal DNA Spacer-Length Polymorphisms in Barley: Mendelian Inheritance, Chromosomal Location, and Population Dynamics," PNAS USA, 81:8014-8018 (1984).  C156 Schafer et al., "T-DNA Integration and Expression in a Monocot Crop Plant After Induction of Agrobacterium," Nature, 327:529-532 (1987).  C157 Schell et al., "Leben mit Fremden Genen," Naturwiss Rundschau, 36:254-260 (1983).  C158 Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants," BioTechnol., 175-180 (1983).  C159 Schell et al., "Ti Plasmids as Experimental Gene Vectors for Plants," BioTechnol., 175-180 (1983).  C160 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of Bacillus Thuringiensis Using the Tobacco Hornworm, Manduca sexta," Appl. Environ. Microbiol., 33:878-880 (1977).  C161 Schnepf et al., "Bioassay for Homogeneous Parasporal Crystal Proteins," MMBR, 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," PNAS USA, 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," PIAS USA, 78:2893-2897 (1981).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from Bacillus Thuringiensis Deduced from the DNA Base Sequence," J. Biol. Chem., 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7038-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeling, pp.220, May 13-17 (1987).  C170 Shaw, "	C154		
C157 Schell et al., "Leben mit Fremden Genen," Naturwiss Rundschau, 36:254-260 (1983).  C158 Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants," BioTechnol., 175-180 (1983).  C159 Schell et al., "Ti Plasmids as Experimental Gene Vectors for Plants," 15th Miami Winter Symposium, 20:191-209 (1983).  C160 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of Bacillus Thuringiensis Using the Tobacco Hornworm, Manduca sexta," Appl. Environ. Microbiol., 33:878-880 (1977).  C161 Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Proteins," MMBR, 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," PNAS USA, 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from Bacillus Thuringiensis Deduced from the DNA Base Sequence," J. Biol. Chem., 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).	C155	Saghai-Maroof et al., "Ribosomal DNA Spacer-Length Polymorphisms in Barley: Mendelian Inheritance, Chromosomal Location, and Population Dynamics," <i>PNAS USA</i> , 81:8014-8018	
C157 Schell et al., "Leben mit Fremden Genen," Naturwiss Rundschau, 36:254-260 (1983).  C158 Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants," BioTechnol., 175-180 (1983).  C159 Schell et al., "Ti Plasmids as Experimental Gene Vectors for Plants," 15th Miami Winter Symposium, 20:191-209 (1983).  C160 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of Bacillus Thuringiensis Using the Tobacco Hornworm, Manduca sexta," Appl. Environ. Microbiol., 33:878-880 (1977).  C161 Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Proteins," MMBR, 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," PNAS USA, 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from Bacillus Thuringiensis Deduced from the DNA Base Sequence," J. Biol. Chem., 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).	C156		
C158 Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants," BioTechnol., 175-180 (1983).  C159 Schell et al., "Ti Plasmids as Experimental Gene Vectors for Plants," 15th Miami Winter Symposium, 20:191-209 (1983).  C160 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of Bacillus Thuringiensis Using the Tobacco Hornworm, Manduca sexta," Appl. Environ. Microbiol., 33:878-880 (1977).  C161 Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Proteins," MMBR, 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," PNAS USA, 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from Bacillus Thuringiensis Deduced from the DNA Base Sequence," J. Biol. Chem., 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.229, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," Chem. Indust., 817-824 (1984).	C157		
C159 Schell et al., "Ti Plasmids as Experimental Gene Vectors for Plants," 15th Miami Winter Symposium, 20:191-209 (1983).  C160 Schesser et al., "Bioassay for Homogeneous Parasporal Crystal of Bacillus Thuringiensis Using the Tobacco Hornworm, Manduca sexta," Appl. Environ. Microbiol., 33:878-880 (1977).  C161 Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Proteins," MMBR, 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," PNAS USA, 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from Bacillus Thuringiensis Deduced from the DNA Base Sequence," J. Biol. Chem., 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).	C158	Schell et al., "The Ti Plasmids as Natural and as Practical Gene Vectors for Plants,"	
Using the Tobacco Hornworm, Manduca sexta," Appl. Environ. Microbiol., 33:878-880 (1977).  C161 Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Proteins," MMBR, 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," PNAS USA, 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from Bacillus Thuringiensis Deduced from the DNA Base Sequence," J. Biol. Chem., 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," Chem. Indust., 817-824 (1984).	C159	Schell et al., "Ti Plasmids as Experimental Gene Vectors for Plants," 15th Miami Winter	-
C161 Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Proteins," MMBR, 62:775-806 (1998).  C162 Schnepf et al., "Cloning and Expression of the Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," PNAS USA, 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from Bacillus Thuringiensis Deduced from the DNA Base Sequence," J. Biol. Chem., 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," Chem. Indust., 817-824 (1984).	C160		
Escherichia coli," PNAS USA, 78:2893-2897 (1981).  C163 Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from Bacillus Thuringiensis Deduced from the DNA Base Sequence," J. Biol. Chem., 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," Chem. Indust., 817-824 (1984).	C161	Schnepf et al., "Bacillus Thuringiensis and Its Pesticidal Crystal Proteins," MMBR, 62:775-806	
C163 Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in Escherichia coli," J. Bacteriol, 169:4110-4118 (1987).  C164 Schnepf, "The Amino Acid Sequence of a Crystal Protein from Bacillus Thuringiensis Deduced from the DNA Base Sequence," J. Biol. Chem., 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," Chem. Indust., 817-824 (1984).	C162		-
from the DNA Base Sequence," <i>J. Biol. Chem.</i> , 260:6264-6272 (1985).  C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of <i>Bacillus Thuringiensis</i> var. <i>Tenebrionis</i> ," <i>PNAS USA</i> , 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," <i>Nucl. Acids Res.</i> , 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," <i>Nucl. Acids Res.</i> , 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," <i>Cell</i> , 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," <i>RNA Processing Meeting</i> , pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," <i>Chem. Indust.</i> , 817-824 (1984).	C163	Schnepf et al., "Expression of a Cloned Bacillus Thuringiensis Crystal Protein Gene in	
C165 Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene of Bacillus Thuringiensis var. Tenebrionis," PNAS USA, 84:7036-7040 (1987).  C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," Chem. Indust., 817-824 (1984).	C164		
C166 Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly Expressed Genes," Nucl. Acids Res., 14:5125-5143 (1986).  C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," Nucl. Acids Res., 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," Chem. Indust., 817-824 (1984).	C165	Sekar et al., "Molecular Cloning and Characterization of the Insecticidal Crystal Protein Gene	•
C167 Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications," <i>Nucl. Acids Res.</i> , 15:1281-1295 (1987).  C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," <i>Cell</i> , 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," <i>RNA Processing Meeting</i> , pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," <i>Chem. Indust.</i> , 817-824 (1984).	C166	Sharp et al., "Codon Usage in Yeast: Cluster Analysis Clearly Differentiates Highly and Lowly	
C168 Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA Mediates Selective mRNA Degradation," Cell, 46:659-667 (1986).  C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present,"Chem. Indust., 817-824 (1984).	C167	Sharp et al., "The Codon Adaptation Index - A Measure of Directional Synonymous Codon	
C169 Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA Processing Meeting, pp.220, May 13-17 (1987).  C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present,"Chem. Indust., 817-824 (1984).	C168	Shaw et al., "A Conserved AU Sequence from the 3' Untranslated Region of GM-CSF mRNA	
C170 Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," Chem. Indust., 817-824 (1984).	C169	Shaw et al., "Characterization of AU Sequences Functioning as mRNA Destabilizers," RNA	
	C170	Shaw, "Genetic Engineering of Crop Plants: A Strategy for the Future, and the Present," Chem.	
	C171		

Examiner	 Date	
Signature	Considered	

Substitute for form 1449/PTO				Complete if Known		
				Application Number	08/434,105-Conf. #2627	
11	<b>NFORMATION</b>	I DI	SCLOSURE	Filing Date	May 3, 1995	
S	STATEMENT BY APPLICANT			First Named Inventor	David A. Fischhoff	
				Art Unit	1638	
	(Use as many sheets as necessary)			Examiner Name	A. R. Kubelik	
Sheet	10	of	11	Attorney Docket Number	28079/41785	

Gene from Bacillus Thuringiensis subsp. aizawai IPL7," Chem., 52:1565-1573 (1988).  C172 Smigocki et al., "Cytokinin-Mediated Insect Resistance in Nicotiana Plants Transformed with the ipt Gene," Plant Mol. Biol., 23:325-335 (1993).  C173 Smith et al., "Diseases Caused by Viruses," Biol. Abst. Phytopathology, 87(1):AB9696 (1989).  C174 Spanier et al., "A Functional Analysis of T-DNA Gene 6b: The Fine Tuning of Cytokinin Effects on Shoot Development," Mol. Gen. Genet., 219:209-216 (1989).  C175 Spencer et al., "Segregation of Transgenes in Maize," Plant Mol. Biol., 18:201-210 (1992).  C176 Springer et al., "High-Level Expression of Sperm Whale Myoglobin in Escherichia coli," PNAS USA, 84:8961-8965 (1987).  C177 Stone et al., "Insect Resistance to Bacillus Thuringiensis," Biotech. for Biol. Control of Pests & Vectors, 53-66 (1991).  C178 Stone et al., "Selection of Tobacco Budworm for Resistance to a Genetically Engineered Pseudomonas Fluorescens Containing the §-Endotoxin of Bacillus Thuringiensis subsp. Kurstaki," J. Inv. Pathol., 53:228-234 (1989).  C179 Taylor et al., "Optimizing the Expression of Chimeric Genes in Plant Cells," Mol. Gen. Genet., 210:572-577 (1987).  C180 Thurston, "Toxicity of Trichome Exudates of Nicotiana and Petunia Species to Tobacco Hornworm Larvae," J. Economic. Entomol., 63:271-274 (1970).  C181 Tinland et al., "Agrobacterium Tumefaciens T-DNA Gene 6b Stimulates rol-Induced Root Formation, Pemits Growth at High Auxin Concentrations and Increases Root Size," Mol. Gen. Genet., 223:1-10 (1990).  C182 Tokunaga et al., "Expression of a Synthetic Human Growth Hormone Gene in Yeast," Gene,
C173 Smith et al., "Diseases Caused by Viruses," Biol. Abst. Phytopathology, 87(1):AB9696 (1989).  C174 Spanier et al., "A Functional Analysis of T-DNA Gene 6b: The Fine Tuning of Cytokinin Effects on Shoot Development," Mol. Gen. Genet., 219:209-216 (1989).  C175 Spencer et al., "Segregation of Transgenes in Maize," Plant Mol. Biol., 18:201-210 (1992).  C176 Springer et al., "High-Level Expression of Sperm Whale Myoglobin in Escherichia coli," PNAS USA, 84:8961-8965 (1987).  C177 Stone et al., "Insect Resistance to Bacillus Thuringiensis," Biotech. for Biol. Control of Pests & Vectors, 53-66 (1991).  C178 Stone et al., "Selection of Tobacco Budworm for Resistance to a Genetically Engineered Pseudomonas Fluorescens Containing the §-Endotoxin of Bacillus Thuringiensis subsp. Kurstaki," J. Inv. Pathol., 53:228-234 (1989).  C179 Taylor et al., "Optimizing the Expression of Chimeric Genes in Plant Cells," Mol. Gen. Genet., 210:572-577 (1987).  C180 Thurston, "Toxicity of Trichome Exudates of Nicotiana and Petunia Species to Tobacco Hornworm Larvae," J. Economic. Entomol., 63:271-274 (1970).  C181 Tinland et al., "Agrobacterium Tumefaciens T-DNA Gene 6b Stimulates rol-Induced Root Formation, Permits Growth at High Auxin Concentrations and Increases Root Size," Mol. Gen. Genet., 223:1-10 (1990).
on Shoot Development," Mol. Gen. Genet., 219:209-216 (1989).  C175 Spencer et al., "Segregation of Transgenes in Maize," Plant Mol. Biol., 18:201-210 (1992).  C176 Springer et al., "High-Level Expression of Sperm Whale Myoglobin in Escherichia coli," PNAS USA, 84:8961-8965 (1987).  C177 Stone et al., "Insect Resistance to Bacillus Thuringiensis," Biotech. for Biol. Control of Pests & Vectors, 53-66 (1991).  C178 Stone et al., "Selection of Tobacco Budworm for Resistance to a Genetically Engineered Pseudomonas Fluorescens Containing the §-Endotoxin of Bacillus Thuringiensis subsp. Kurstaki," J. Inv. Pathol., 53:228-234 (1989).  C179 Taylor et al., "Optimizing the Expression of Chimeric Genes in Plant Cells," Mol. Gen. Genet., 210:572-577 (1987).  C180 Thurston, "Toxicity of Trichome Exudates of Nicotiana and Petunia Species to Tobacco Hornworm Larvae," J. Economic. Entomol., 63:271-274 (1970).  C181 Tinland et al., "Agrobacterium Tumefaciens T-DNA Gene 6b Stimulates rol-Induced Root Formation, Permits Growth at High Auxin Concentrations and Increases Root Size," Mol. Gen. Genet., 223:1-10 (1990).
C176 Springer et al., "High-Level Expression of Sperm Whale Myoglobin in Escherichia coli," PNAS USA, 84:8961-8965 (1987).  C177 Stone et al., "Insect Resistance to Bacillus Thuringiensis," Biotech. for Biol. Control of Pests & Vectors, 53-66 (1991).  C178 Stone et al., "Selection of Tobacco Budworm for Resistance to a Genetically Engineered Pseudomonas Fluorescens Containing the §-Endotoxin of Bacillus Thuringiensis subsp. Kurstaki," J. Inv. Pathol., 53:228-234 (1989).  C179 Taylor et al., "Optimizing the Expression of Chimeric Genes in Plant Cells," Mol. Gen. Genet., 210:572-577 (1987).  C180 Thurston, "Toxicity of Trichome Exudates of Nicotiana and Petunia Species to Tobacco Hornworm Larvae," J. Economic. Entomol., 63:271-274 (1970).  C181 Tinland et al., "Agrobacterium Tumefaciens T-DNA Gene 6b Stimulates rol-Induced Root Formation, Permits Growth at High Auxin Concentrations and Increases Root Size," Mol. Gen. Genet., 223:1-10 (1990).
USA, 84:8961-8965 (1987).  C177 Stone et al., "Insect Resistance to Bacillus Thuringiensis," Biotech. for Biol. Control of Pests & Vectors, 53-66 (1991).  C178 Stone et al., "Selection of Tobacco Budworm for Resistance to a Genetically Engineered Pseudomonas Fluorescens Containing the §-Endotoxin of Bacillus Thuringiensis subsp. Kurstaki," J. Inv. Pathol., 53:228-234 (1989).  C179 Taylor et al., "Optimizing the Expression of Chimeric Genes in Plant Cells," Mol. Gen. Genet., 210:572-577 (1987).  C180 Thurston, "Toxicity of Trichome Exudates of Nicotiana and Petunia Species to Tobacco Hornworm Larvae," J. Economic. Entomol., 63:271-274 (1970).  C181 Tinland et al., "Agrobacterium Tumefaciens T-DNA Gene 6b Stimulates rol-Induced Root Formation, Permits Growth at High Auxin Concentrations and Increases Root Size," Mol. Gen. Genet., 223:1-10 (1990).
Vectors, 53-66 (1991).  C178 Stone et al., "Selection of Tobacco Budworm for Resistance to a Genetically Engineered Pseudomonas Fluorescens Containing the §-Endotoxin of Bacillus Thuringiensis subsp. Kurstaki," J. Inv. Pathol., 53:228-234 (1989).  C179 Taylor et al., "Optimizing the Expression of Chimeric Genes in Plant Cells," Mol. Gen. Genet., 210:572-577 (1987).  C180 Thurston, "Toxicity of Trichome Exudates of Nicotiana and Petunia Species to Tobacco Hornworm Larvae," J. Economic. Entomol., 63:271-274 (1970).  C181 Tinland et al., "Agrobacterium Tumefaciens T-DNA Gene 6b Stimulates rol-Induced Root Formation, Permits Growth at High Auxin Concentrations and Increases Root Size," Mol. Gen. Genet., 223:1-10 (1990).
Pseudomonas Fluorescens Containing the §-Endotoxin of Bacillus Thuringiensis subsp.  Kurstaki," J. Inv. Pathol., 53:228-234 (1989).  C179 Taylor et al., "Optimizing the Expression of Chimeric Genes in Plant Cells," Mol. Gen. Genet., 210:572-577 (1987).  C180 Thurston, "Toxicity of Trichome Exudates of Nicotiana and Petunia Species to Tobacco Hornworm Larvae," J. Economic. Entomol., 63:271-274 (1970).  C181 Tinland et al., "Agrobacterium Tumefaciens T-DNA Gene 6b Stimulates rol-Induced Root Formation, Permits Growth at High Auxin Concentrations and Increases Root Size," Mol. Gen. Genet., 223:1-10 (1990).
210:572-577 (1987).  C180 Thurston, "Toxicity of Trichome Exudates of <i>Nicotiana</i> and <i>Petunia</i> Species to Tobacco Hornworm Larvae," <i>J. Economic. Entomol.</i> , 63:271-274 (1970).  C181 Tinland et al., " <i>Agrobacterium Tumefaciens</i> T-DNA Gene 6b Stimulates <i>rol</i> -Induced Root Formation, Permits Growth at High Auxin Concentrations and Increases Root Size," <i>Mol. Gen. Genet.</i> , 223:1-10 (1990).
Hornworm Larvae," <i>J. Economic. Entomol.</i> , 63:271-274 (1970).  C181 Tinland et al., " <i>Agrobacterium Tumefaciens</i> T-DNA Gene 6b Stimulates <i>rol</i> -Induced Root Formation, Permits Growth at High Auxin Concentrations and Increases Root Size," <i>Mol. Gen. Genet.</i> , 223:1-10 (1990).
Formation, Permits Growth at High Auxin Concentrations and Increases Root Size," <i>Mol. Gen. Genet.</i> , 223:1-10 (1990).
C182 Tokunaga et al. "Expression of a Synthetic Human Growth Hormone Gene in Veget." Gaze
39:117-120 (1985).
C183 Toriyama et al., "Haploid and Diploid Plant Regeneration from Protoplasts of Another Callus in Rice," <i>Theor. Appl. Genet.</i> , 73:16-19 (1986).
C184 Trolinder et al., "Somatic Embryogenesis and Plant Regeneration in Cotton (Gossypium Hirsutum L.)" Plant Cell Reports, 6:231-234 (1987).
C185 Tsurushita et al., "Regulation of Differential Processing of Mouse Immunoglobulin Mu Heavy-Chain mRNA," RNA Processing Meeting, pp.215, May 13-17 (1987).
C186 Uchimiya et al., "Expression of a Foreign Gene in Callus Derived from DNA-Treated Protoplasts of Rice ( <i>Oryza sativa</i> L.)" <i>Mol. Gen. Genet.</i> , 204:204-207 (1986).
C187 Urdea et al., "Chemical Synthesis of a Gene for Human Epidermal Growth Factor Urogastrone and its Expression in Yeast," <i>PNAS USA</i> , 80:7461-7465 (1983).
C188 Vaeck et al., "Transgenic Plants Protected from Insect Attack," Nature, 328:33-37 (1987).
C189 Van Mellaert et al., "Binding of Different Types of Bacillus Thuringiensis Delta-Endotoxins to Midgut Brush Border Membrane Vesicles is Correlated with the Insecticidal Spectrum," XXI Ann. Meeting Soc. Inv. Pathol. UCSD, pp.27, Aug. 14-18 (1988).
C190 Van Rie et al., "Mechanism of Insect Resistance to <i>Bacillus Thuringiensis</i> in Plutella Xylostella (L.) (Lepidoptera: Plutellidae)," <i>T-Y Feng et al.</i> (eds), 1:277-295 (1995).
C191 Van Rie et al., "Mechanism of Insect Resistance to the Microbial Insecticide Bacillus Thuringiensis," Science, 247:72-74 (1990).
C192 Van Rie et al., "Specificity of <i>Bacillus Thuringiensis</i> δ-Endotoxins," <i>Eur. J. Biochem.</i> , 186:239-247 (1989).
C193 Vancanneyt et al., "Construction of an Intron-Containing Marker Gene: Splicing of the Intron in Transgenic Plants and its use in Monitoring Early Events in Agrobacterium-Mediated Plant Transformation," Mol. Gen. Genet., 220:245-250 (1990).
C194 Vasil et al., "Plant Regeneration From Protoplasts of Napier Grass ( <i>Pennisetum Purpureum</i> Schum.)," <i>Pflanzenphysiol. Bd.</i> , 111:232-239 (1983).

Examiner	Date	
Signature	Consider	red

Substitute for form 1449/PTO				Complete if Known	
				Application Number	08/434,105-Conf. #2627
l IN	<b>NFORMATION</b>	I DI	SCLOSURE	Filing Date	May 3, 1995
S	TATEMENT E	3Y A	APPLICANT	First Named Inventor	David A. Fischhoff
				Art Unit	1638
	(Use as many sh	eets as	necessary)	Examiner Name	A. R. Kubelik
Sheet	11	of	11	Attorney Docket Number	28079/41785

C195 Wendel, "New World Tetraploid Cottons Contain Old World Cytoplasm," PNAS USA, 86:4132-4136 (1989).  C196 Whiteley et al., "Cloning the Crystal Protein Gene of B Thuringiensis in E. coli," Mol. Clon. Gene Reg. Baci. Acad. Press Inc., pp.131-144 (1992).  C197 Wickens et al., "Cleavage and Polyadenylation of SV40 Late pre-mRNAs in Vitro," RNA Processing Meeting, pp.9, May 11-17 (1987).  C198 Wiebauer et al., "Nuclear pre-mRNA Processing in Plants: Distinct Modes of 3'-Splice-Site Selection in Plants and Animals," Mol. Cell Biol., 8:2042-2051 (1988).  C199 Wigley et al., "Conservation of Bacillus Thuringiensis Efficacy in New Zealand through the Planned Deployment of Bt Genes in Transgenic Crops," Biocontrol Sci. & Technol., 4:527-534 (1994).  C200 Williams et al., "Design, Synthesis and Expression of a Human Interleukin-2 Gene Incorporating the Codon Usage Bias Found in Highly expressed Escherichia coli Genes," Nuc. A.R., 16(22):10453-10467 (1988).  C201 Winnacker et al., "From Genes to Clones," pp.404-411 (1987).  C202 Wong et al., "Cloning and Nucleotide Sequence of the Gene Coding for a 135-KDAL Protein of Bacillus Thuringiensis Aizawai," XXI Ann. Meeting Soc. Inv. Pathol., USCD, pp.27(13), Aug. 14-18 (1988).  C203 Wong et al., "Differential Accumulation of Proteinase Inhibitor I in Normal and Crown Gall Tissues of Tobacco, Tomato, and Potato," Plant Physiol., 57:214-217 (1976).  C204 Wong et al., "Transcriptional and Translational Start Sites for the Bacillus Thuringiensis Crystal Protein Gene," J. Bio. Chem., 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice (Oryza Sativa L.)," Plant Cell Reports, 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-2150 (1983).  C207 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Sels Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-21			
Cene Reg. Baci. Acad. Press Inc., pp.131-144 (1992).  C197 Wickens et al., "Cleavage and Polyadenylation of SV40 Late pre-mRNAs in Vitro," RNA Processing Meeting, pp.9, May 11-17 (1987).  C198 Wiebauer et al., "Nuclear pre-mRNA Processing in Plants: Distinct Modes of 3'-Splice-Site Selection in Plants and Animals," Mol. Cell Biol., 8:2042-2051 (1988).  C199 Wigley et al., "Conservation of Bacillus Thuringiensis Efficacy in New Zealand through the Planned Deployment of Bt Genes in Transgenic Crops," Biocontrol Sci. & Technol., 4:527-534 (1994).  C200 Williams et al., "Design, Synthesis and Expression of a Human Interleukin-2 Gene Incorporating the Codon Usage Bias Found in Highly expressed Escherichia coli Genes," Nuc. A.R., 16(22):10453-10467 (1988).  C201 Winnacker et al., "From Genes to Clones," pp.404-411 (1987).  C202 Wong et al., "Cloning and Nucleotide Sequence of the Gene Coding for a 135-KDAL Protein of Bacillus Thuringiensis Aizawai," XXI Ann. Meeting Soc. Inv. Pathol., USCD, pp.27(13), Aug. 14-18 (1988).  C203 Wong et al., "Differential Accumulation of Proteinase Inhibitor I in Normal and Crown Gall Tissues of Tobacco, Tomato, and Potato," Plant Physiol., 57:214-217 (1976).  C204 Wong et al., "Transcriptional and Translational Start Sites for the Bacillus Thuringiensis Crystal Protein Gene," J. Bio. Chem., 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice (Oryza Sativa L.)," Plant Cell Reports, 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries of T-DNA," J. Mol. Appl. Genet., 1:361-370 (1982).	C195		
C198 Wiebauer et al., "Nuclear pre-mRNA Processing in Plants: Distinct Modes of 3'-Splice-Site Selection in Plants and Animals," Mol. Cell Biol., 8:2042-2051 (1988).  C199 Wigley et al., "Conservation of Bacillus Thuringiensis Efficacy in New Zealand through the Planned Deployment of Bt Genes in Transgenic Crops," Biocontrol Sci. & Technol., 4:527-534 (1994).  C200 Williams et al., "Design, Synthesis and Expression of a Human Interleukin-2 Gene Incorporating the Codon Usage Bias Found in Highly expressed Escherichia coli Genes," Nuc. A.R., 16(22):10453-10467 (1988).  C201 Winnacker et al., "From Genes to Clones," pp.404-411 (1987).  C202 Wong et al., "Cloning and Nucleotide Sequence of the Gene Coding for a 135-KDAL Protein of Bacillus Thuringiensis Aizawai," XXI Ann. Meeting Soc. Inv. Pathol., USCD, pp.27(13), Aug. 14-18 (1988).  C203 Wong et al., "Differential Accumulation of Proteinase Inhibitor I in Normal and Crown Gall Tissues of Tobacco, Tomato, and Potato," Plant Physiol., 57:214-217 (1976).  C204 Wong et al., "Transcriptional and Translational Start Sites for the Bacillus Thuringiensis Crystal Protein Gene," J. Bio. Chem., 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice (Oryza Sativa L.)," Plant Cell Reports, 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries of T-DNA," J. Mol. Appl. Genet., 1:361-370 (1982).	C196		
Selection in Plants and Animals," <i>Mol. Cell Biol.</i> , 8:2042-2051 (1988).  C199 Wigley et al., "Conservation of <i>Bacillus Thuringiensis</i> Efficacy in New Zealand through the Planned Deployment of <i>Bt</i> Genes in Transgenic Crops," <i>Biocontrol Sci. &amp; Technol.</i> , 4:527-534 (1994).  C200 Williams et al., "Design, Synthesis and Expression of a Human Interleukin-2 Gene Incorporating the Codon Usage Bias Found in Highly expressed <i>Escherichia coli</i> Genes," <i>Nuc. A.R.</i> , 16(22):10453-10467 (1988).  C201 Winnacker et al., "From Genes to Clones," pp.404-411 (1987).  C202 Wong et al., "Cloning and Nucleotide Sequence of the Gene Coding for a 135-KDAL Protein of <i>Bacillus Thuringiensis Aizawai</i> ," <i>XXI Ann. Meeting Soc. Inv. Pathol., USCD</i> , pp.27(13), Aug. 14-18 (1988).  C203 Wong et al., "Differential Accumulation of Proteinase Inhibitor I in Normal and Crown Gall Tissues of Tobacco, Tomato, and Potato," <i>Plant Physiol.</i> , 57:214-217 (1976).  C204 Wong et al., "Transcriptional and Translational Start Sites for the <i>Bacillus Thuringiensis</i> Crystal Protein Gene," <i>J. Bio. Chem.</i> , 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice ( <i>Oryza Sativa</i> L.)," <i>Plant Cell Reports</i> , 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," <i>EMBO J.</i> , 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by <i>Agrobacterium Tumefaciens</i> : Analysis of the Boundaries of T-DNA," <i>J. Mol. Appl. Genet.</i> , 1:361-370 (1982).	C197		
Planned Deployment of Bt Genes in Transgenic Crops," Biocontrol Sci. & Technol., 4:527-534 (1994).  C200 Williams et al., "Design, Synthesis and Expression of a Human Interleukin-2 Gene Incorporating the Codon Usage Bias Found in Highly expressed Escherichia coli Genes," Nuc. A.R., 16(22):10453-10467 (1988).  C201 Winnacker et al., "From Genes to Clones," pp.404-411 (1987).  C202 Wong et al., "Cloning and Nucleotide Sequence of the Gene Coding for a 135-KDAL Protein of Bacillus Thuringiensis Aizawai," XXI Ann. Meeting Soc. Inv. Pathol., USCD, pp.27(13), Aug. 14-18 (1988).  C203 Wong et al., "Differential Accumulation of Proteinase Inhibitor I in Normal and Crown Gall Tissues of Tobacco, Tomato, and Potato," Plant Physiol., 57:214-217 (1976).  C204 Wong et al., "Transcriptional and Translational Start Sites for the Bacillus Thuringiensis Crystal Protein Gene," J. Bio. Chem., 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice (Oryza Sativa L.)," Plant Cell Reports, 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries of T-DNA," J. Mol. Appl. Genet., 1:361-370 (1982).	C198		
Incorporating the Codon Usage Bias Found in Highly expressed Escherichia coli Genes," Nuc. A.R., 16(22):10453-10467 (1988).  C201 Winnacker et al., "From Genes to Clones," pp.404-411 (1987).  C202 Wong et al., "Cloning and Nucleotide Sequence of the Gene Coding for a 135-KDAL Protein of Bacillus Thuringiensis Aizawai," XXI Ann. Meeting Soc. Inv. Pathol., USCD, pp.27(13), Aug. 14-18 (1988).  C203 Wong et al., "Differential Accumulation of Proteinase Inhibitor I in Normal and Crown Gall Tissues of Tobacco, Tomato, and Potato," Plant Physiol., 57:214-217 (1976).  C204 Wong et al., "Transcriptional and Translational Start Sites for the Bacillus Thuringiensis Crystal Protein Gene," J. Bio. Chem., 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice (Oryza Sativa L.)," Plant Cell Reports, 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries of T-DNA," J. Mol. Appl. Genet., 1:361-370 (1982).	C199	Planned Deployment of Bt Genes in Transgenic Crops," Biocontrol Sci. & Technol., 4:527-534	
C202 Wong et al., "Cloning and Nucleotide Sequence of the Gene Coding for a 135-KDAL Protein of Bacillus Thuringiensis Aizawai," XXI Ann. Meeting Soc. Inv. Pathol., USCD, pp.27(13), Aug. 14-18 (1988).  C203 Wong et al., "Differential Accumulation of Proteinase Inhibitor I in Normal and Crown Gall Tissues of Tobacco, Tomato, and Potato," Plant Physiol., 57:214-217 (1976).  C204 Wong et al., "Transcriptional and Translational Start Sites for the Bacillus Thuringiensis Crystal Protein Gene," J. Bio. Chem., 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice (Oryza Sativa L.)," Plant Cell Reports, 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries of T-DNA," J. Mol. Appl. Genet., 1:361-370 (1982).	C200	Incorporating the Codon Usage Bias Found in Highly expressed Escherichia coli Genes," Nuc.	
Bacillus Thuringiensis Aizawai," XXI Ann. Meeting Soc. Inv. Pathol., USCD, pp.27(13), Aug. 14-18 (1988).  C203 Wong et al., "Differential Accumulation of Proteinase Inhibitor I in Normal and Crown Gall Tissues of Tobacco, Tomato, and Potato," Plant Physiol., 57:214-217 (1976).  C204 Wong et al., "Transcriptional and Translational Start Sites for the Bacillus Thuringiensis Crystal Protein Gene," J. Bio. Chem., 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice (Oryza Sativa L.)," Plant Cell Reports, 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries of T-DNA," J. Mol. Appl. Genet., 1:361-370 (1982).	C201	Winnacker et al., "From Genes to Clones," pp.404-411 (1987).	
Tissues of Tobacco, Tomato, and Potato," <i>Plant Physiol.</i> , 57:214-217 (1976).  C204 Wong et al., "Transcriptional and Translational Start Sites for the <i>Bacillus Thuringiensis</i> Crystal Protein Gene," <i>J. Bio. Chem.</i> , 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice ( <i>Oryza Sativa</i> L.)," <i>Plant Cell Reports</i> , 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," <i>EMBO J.</i> , 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by <i>Agrobacterium Tumefaciens</i> : Analysis of the Boundaries of T-DNA," <i>J. Mol. Appl. Genet.</i> , 1:361-370 (1982).	C202	Bacillus Thuringiensis Aizawai," XXI Ann. Meeting Soc. Inv. Pathol., USCD, pp.27(13), Aug.	
C204 Wong et al., "Transcriptional and Translational Start Sites for the Bacillus Thuringiensis Crystal Protein Gene," J. Bio. Chem., 258:1960-1967 (1983).  C205 Yamada et al., "Plant Regeneration from Protoplast-Derived Callus of Rice (Oryza Sativa L.)," Plant Cell Reports, 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries of T-DNA," J. Mol. Appl. Genet., 1:361-370 (1982).	C203		
Plant Cell Reports, 5:85-88 (1986).  C206 Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," EMBO J., 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries of T-DNA," J. Mol. Appl. Genet., 1:361-370 (1982).	C204		
Alteration of Their Normal Regeneration Capacity," <i>EMBO J.</i> , 2(2):2143-2150 (1983).  C207 Zambryski et al., "Tumor Induction by <i>Agrobacterium Tumefaciens</i> : Analysis of the Boundaries of T-DNA," <i>J. Mol. Appl. Genet.</i> , 1:361-370 (1982).	C205		
C207 Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries of T-DNA," J. Mol. Appl. Genet., 1:361-370 (1982).	C206	Zambryski et al., "Ti Plasmid Vector for the Introduction of DNA into Plant Cells Without Alteration of Their Normal Regeneration Capacity," <i>EMBO J.</i> , 2(2):2143-2150 (1983).	
	C207	Zambryski et al., "Tumor Induction by Agrobacterium Tumefaciens: Analysis of the Boundaries	
	C208		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date
Signature	Considered

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 08/434,105

Attorney Docket No.: 28079/41785

## Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as express mailing number EV 913870787 US in an envelope addressed to:

> MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

December 15, 2006

Date	
T. Wit	
Signature	
Juan Quinte	ero
Typed or printed name of pers	on signing Certificate
	(312) 474-6613
Registration Number, if applicable	Telephone Number
Note: Each paper must have its own certificate of each submitted paper.	mailing, or this certificate must identify

IDS (Citation) by Applicant (13 pages) Copies of documents B1-B31 and C1-C208